

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection

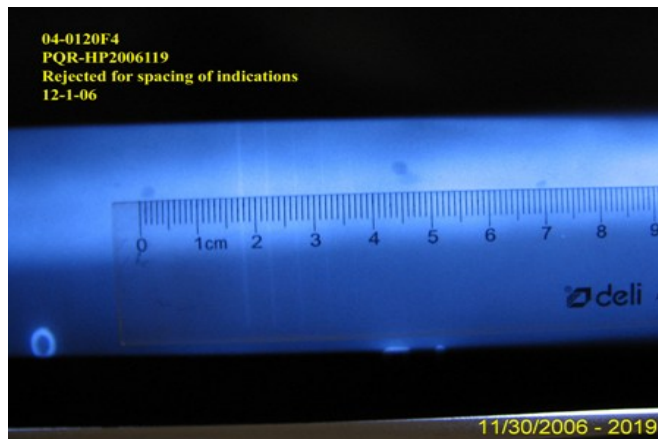


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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-000032**Date Inspected:** 01-Dec-2006**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Liu**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Component:** N/A**Bridge No:** 34-0006**Summary of Items Observed:**

Office of Structural Materials Quality Assurance Inspector (QA), Mark Wright observed quality control functions related to procedure qualification (PQR) testing at the ZPMC facility in Shanghai, China for the San Francisco Oakland Bay Self Anchored Suspension Bridge.

Item	Description	WBS	Dwg No.	Status
1	The QA Inspector reviewed the Radiographic Testing (RT) film for 1G (horizontal) Gas Metal Arc Welding (GMAW) Procedure Qualification (PQR) identified as HP-2006119. The QA Inspector observed indications on the film without proper spacing between them which did not comply with figure 6.8 of AWS D1.5-2002.			



WELDING INSPECTION REPORT

(Continued Page 2 of 2)

2

The QA Inspector reviewed the Radiographic Testing (RT) film for 1G (horizontal) Gas Metal Arc Welding (GMAW) Procedure Qualification (PQR) identified as HP-2006119. The QA Inspector observed indications on the film without proper spacing between them which did not comply with figure 6.8 of AWS D1.5-2002.

Summary of Conversations:

The QA Inspector spoke with ZPMC Quality Control (QC) regarding the RT film for PQR HP-2006119 and informed them that the film would be rejected due to spacing of the indications. The QA Inspector informed the QC Inspector that the film should be inspected first by QC and should comply with the code before the QA Inspector observes the film.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659,, who represents the Office of Structural Materials for your project.

Inspected By:	Wright,Mark	Quality Assurance Inspector
Reviewed By:	McClary,David	QA Reviewer
